

Title (en)

THERMOREVERSIBLY CROSSLINKED ELASTIC BITUMINOUS COMPOSITION

Title (de)

WÄRMEUMKEHRBARE, VERNETZTE UND ELASTISCHE BITUMENZUSAMMENSETZUNG

Title (fr)

COMPOSITION BITUMINEUSE ELASTIQUE RETICULEE DE MANIERE THERMOREVERSIBLE

Publication

EP 2217648 A1 20100818 (FR)

Application

EP 08872324 A 20081125

Priority

- FR 2008001636 W 20081125
- FR 0708275 A 20071127

Abstract (en)

[origin: CA2706666A1] The invention relates to a bituminous composition comprising at least one bitumen and at least one organogelling molecule taken alone or as a mixture, said organogelling molecule being represented by the following general formula (I): where: A represents an acyclic, cyclic or polycyclic, saturated or unsaturated, linear or branched hydrocarbon-based group having 3 to 92 carbon atoms, resulting from the polymerization of the side chains of at least one unsaturated fatty acid, X represents an NH group or an oxygen atom O, R1 represents a group chosen from: a linear or branched hydrocarbon-based group having 2 to 40 carbon atoms, optionally comprising one or more heteroatoms and optionally comprising one or more unsaturations, or a substituted or unsubstituted aromatic group, R2 represents a group chosen from: a hydrogen atom, a linear or branched hydrocarbon-based group having 1 to 40 carbon atoms, comprising one or more heteroatoms and optionally comprising one or more unsaturations, or a substituted or unsubstituted aromatic group, m and n represent, independently of one another, an integer that varies from 1 to 4, p represents an integer that varies from 0 to 4, q represents an integer that varies from 1 to 4 or a combination of these values, Y represents a group comprising a hydrogen bond donor such as the NH group and a hydrogen bond acceptor such as the C=O group.

IPC 8 full level

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Citation (search report)

See references of WO 2009101275A1

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